Remarks

I. The Amendments

The specification of the application was amended by deleting the sequence listing originally filed and entering a substitute sequence listing. The substitute includes two sequences, SEQ ID NO:3 and SEQ ID NO:4 that were not included originally. The newly entered sequence listing is separately numbered from the rest of the pages of the application that should be entered after the claims.

In addition, page 18 of the application was amended to include sequence identifiers for DNA sequences appearing on lines 15 and 17.

II. Submission of Computer Readable Copy of Sequence Listing

Applicants are including herewith a 3.5 inch computer readable diskette which contains a copy of the newly submitted Sequence Listing in ASCII text.

III. Statements to Comply With 37 C.F.R. § 1.821 and 1.825

In compliance with 37 C.F.R. § 1.821(f), Applicants' undersigned attorney hereby states that the content of the paper and computer readable copies of the Sequence Listing submitted herewith are the same. In accordance with 37 C.F.R. § 1.821(g), Applicants' undersigned attorney hereby states that the submission herewith does not add new matter to the application.

Conclusion

In light of the present amendments and enclosures, Applicants respectfully submit that all Sequence Listing requirements have now been complied with. It is therefore respectfully submitted that this application is now in condition for substantive review.

If, in the opinion of the Examiner, a phone call may help to expedite the prosecution of this application, the Examiner is invited to call Applicants' undersigned attorney at (202) 861-3020.

Respectfully submitted,

PILLSBURY WINTHROP LLP

By: Michael A. Sanzo

Michael A. Sanzo

Reg. No. 36,912

Attorney for Applicants

Date: <u>May 31</u>, 2001 1100 New York Ave., N.W.

Ninth Floor - East Tower Washington, D.C. 20005

(202) 861-3020

Appendix

Version with Markings to Show Changes Made

The specification of the application was amended to enter sequence identification numbers. The changes that were made are shown below with the underlined words indicating text that was added.

On page 18, lines 15-17 were amended as follows:

5' ACC ACT GGT GCA ATC TCC AT 3' (SEQ ID NO:3)

ptsHexp2: 5' TTT ACT CAG CGT CAA GGT CC 3' (SEQ ID NO:4)